

FIG. 1

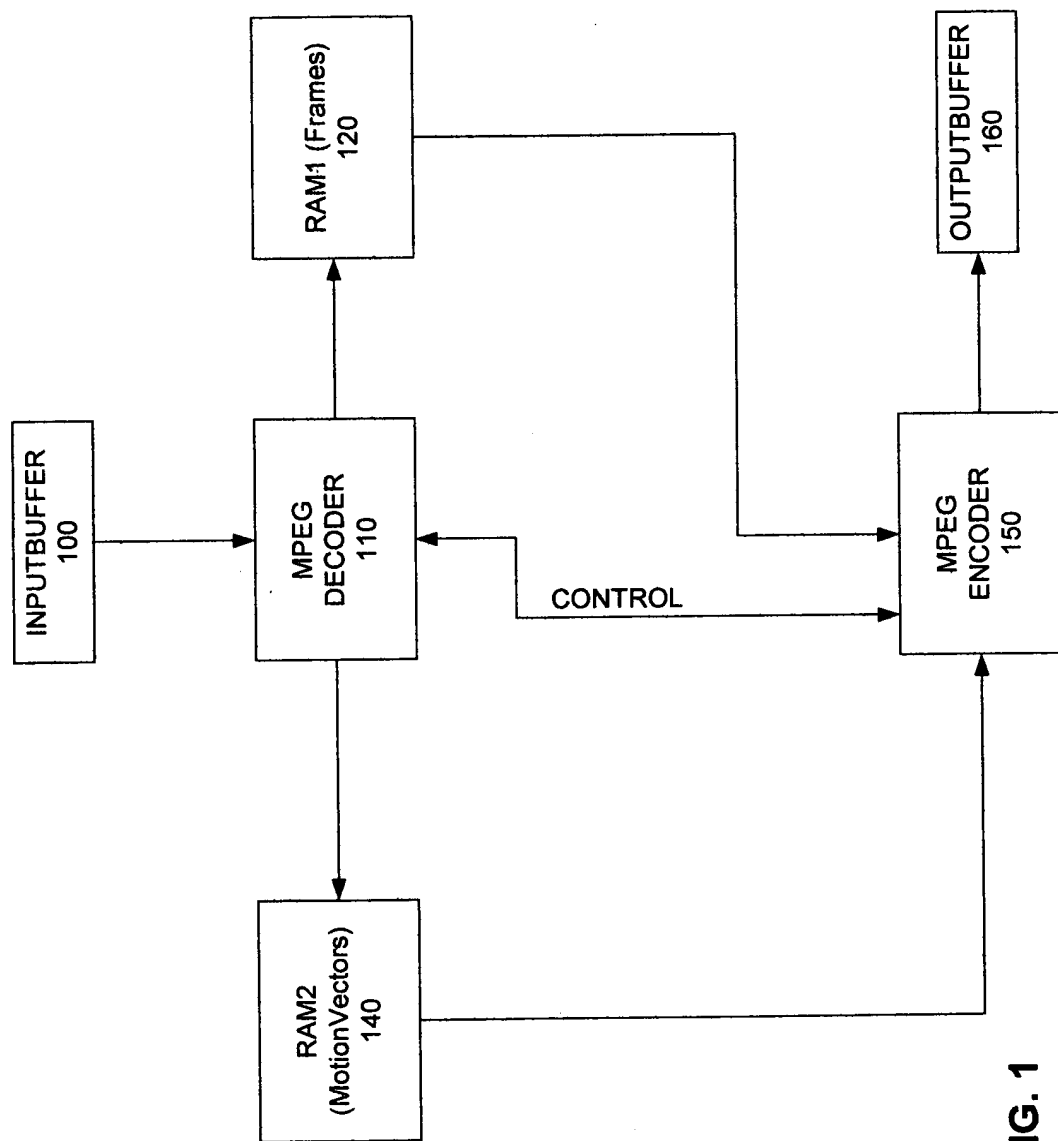


FIG. 1

FIG. 2 is a flowchart illustrating the process of encoding and decoding a macroblock in a video compression system.

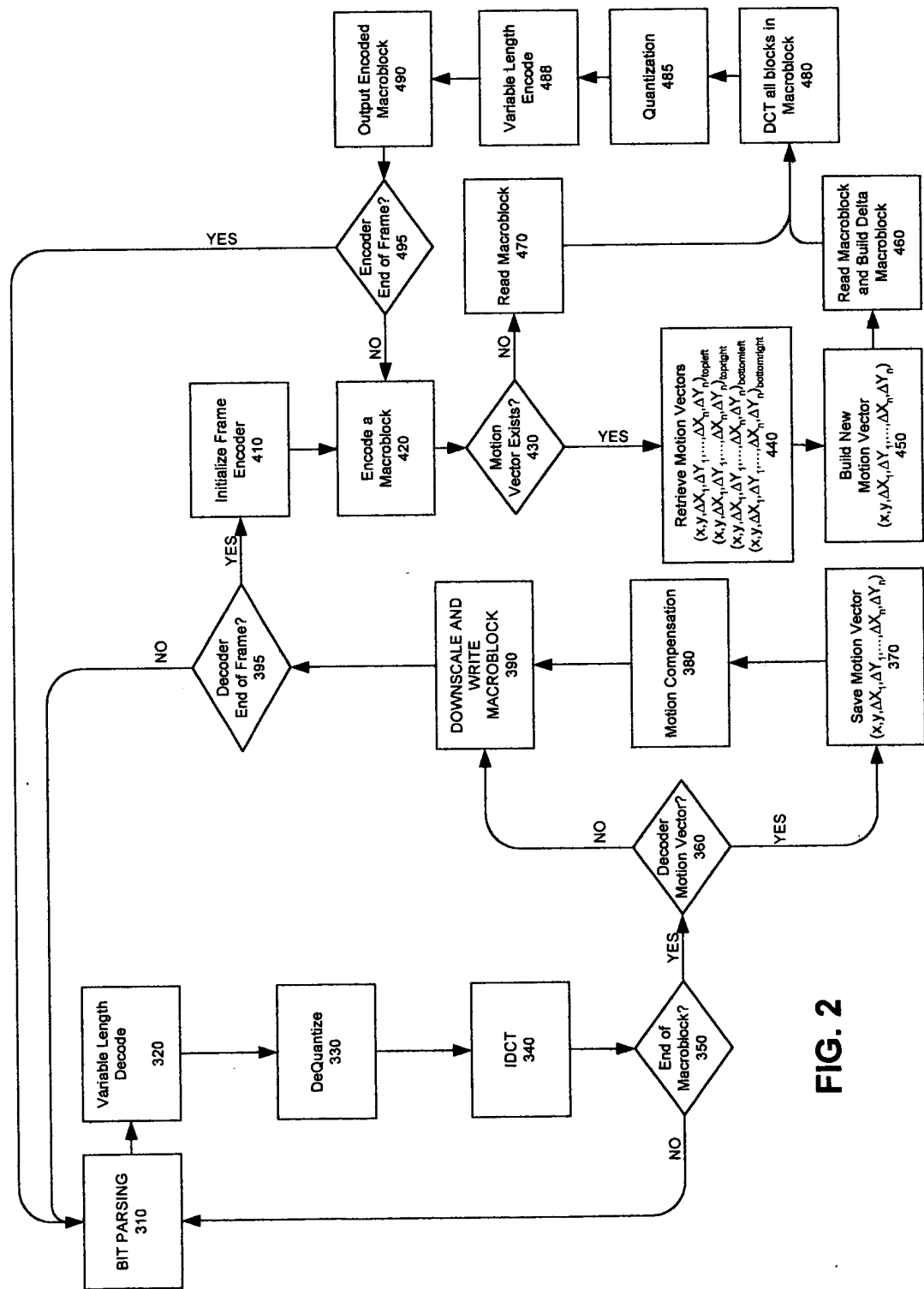


FIG. 2

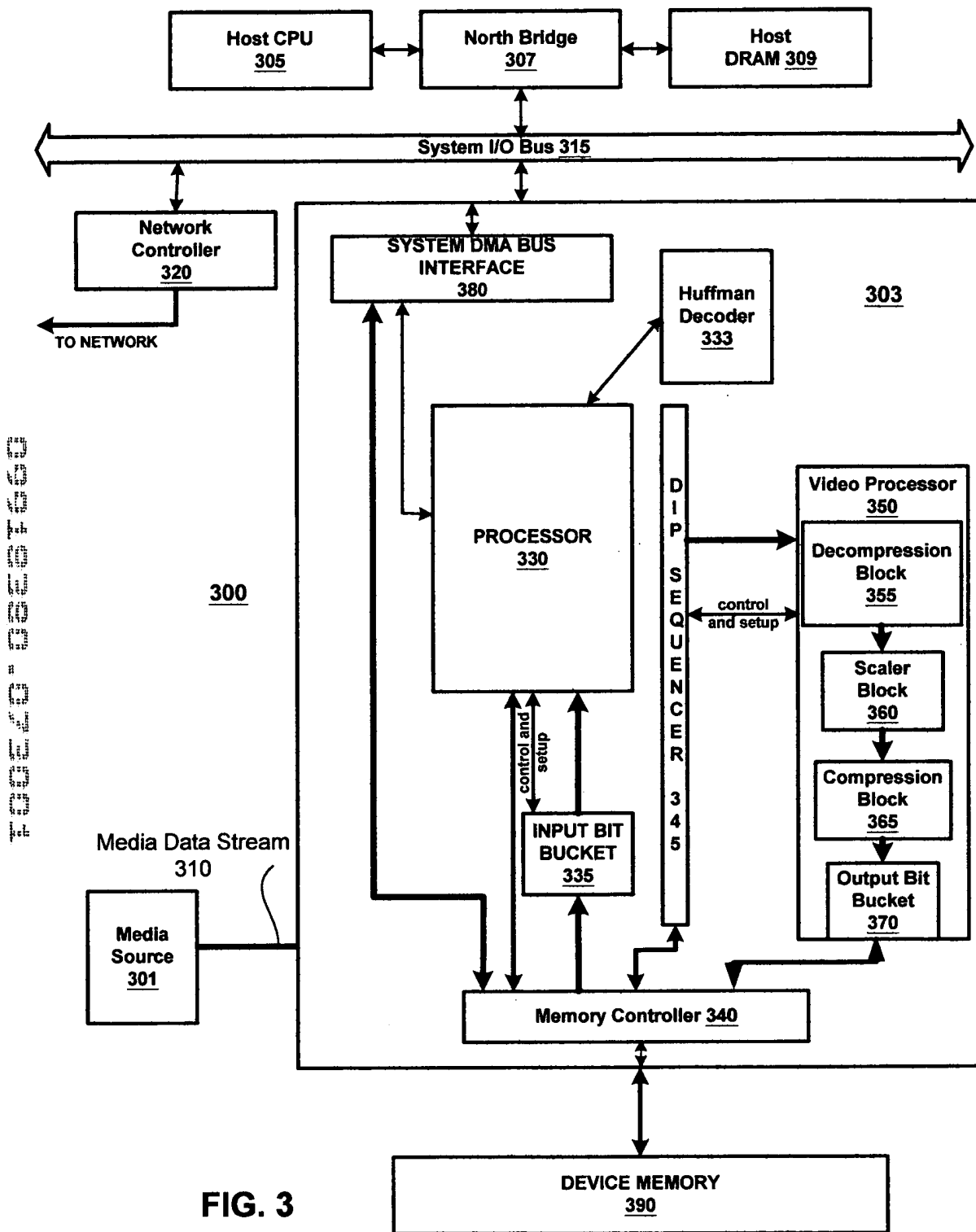


FIG. 3

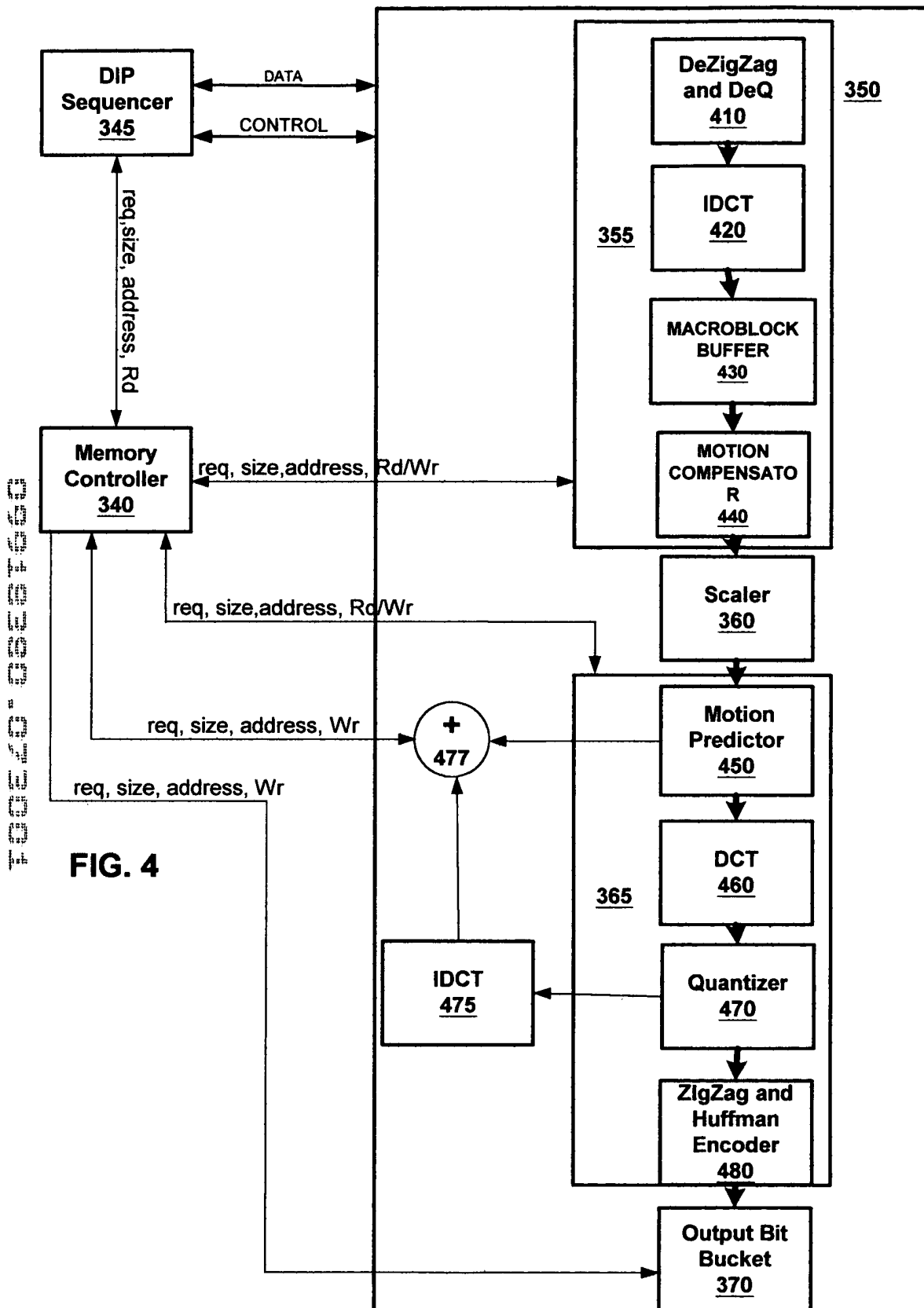


FIG. 4

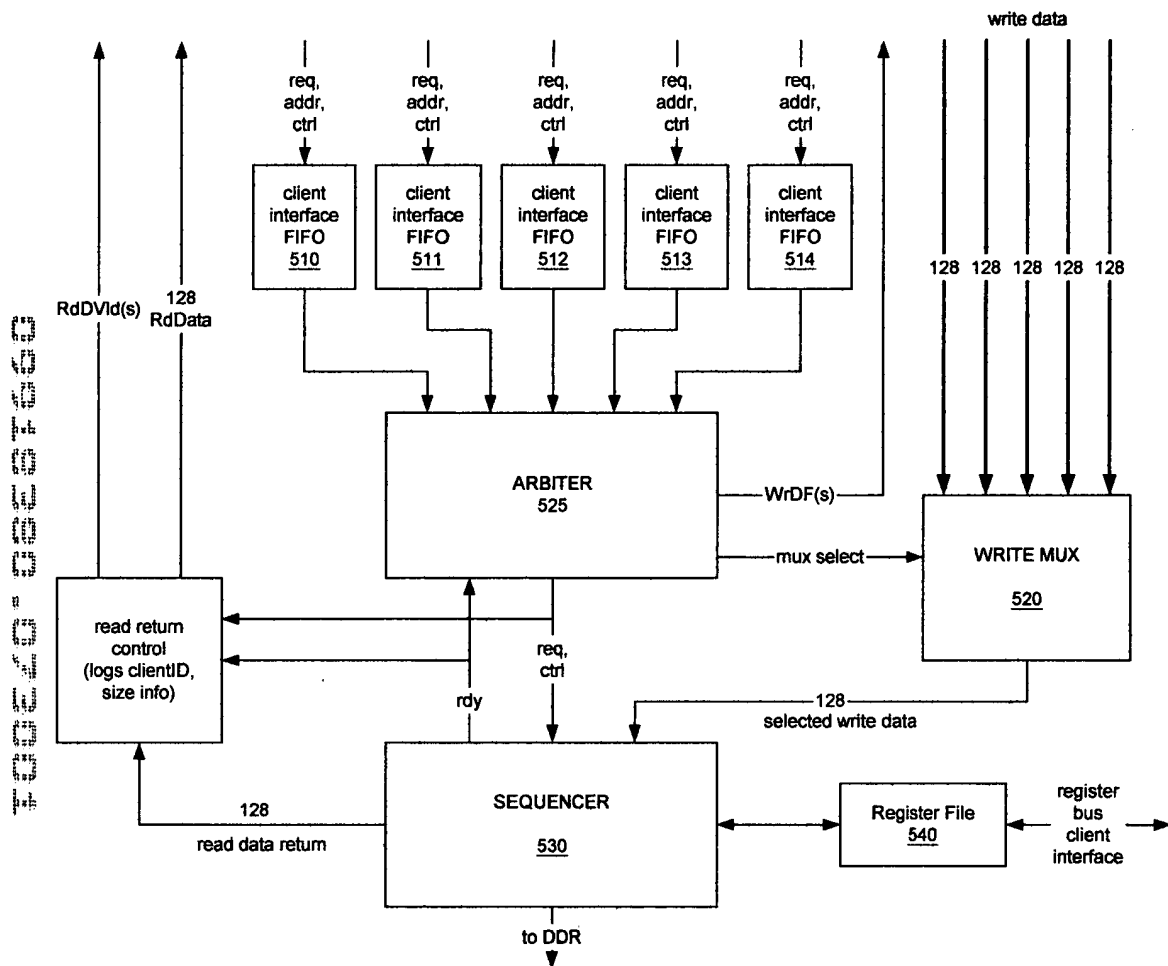


FIG. 5

600

FIG. 6

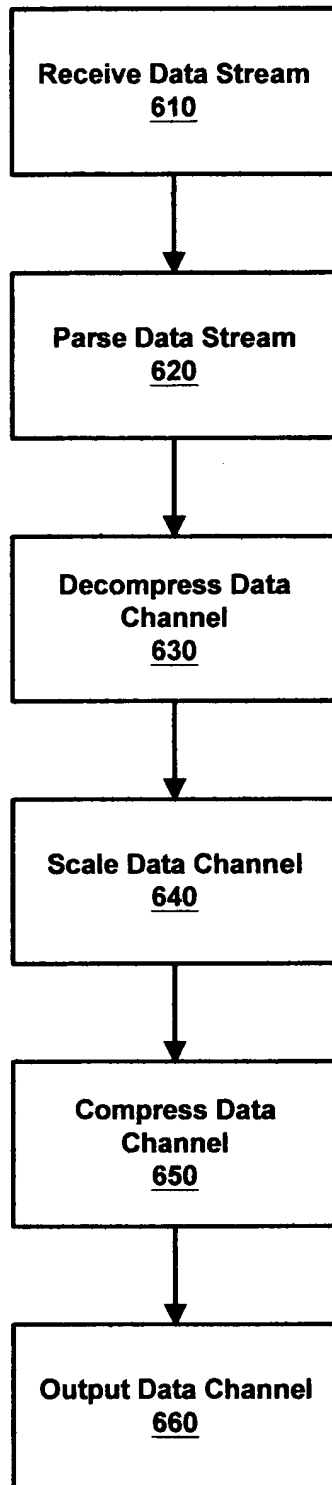


FIG. 6

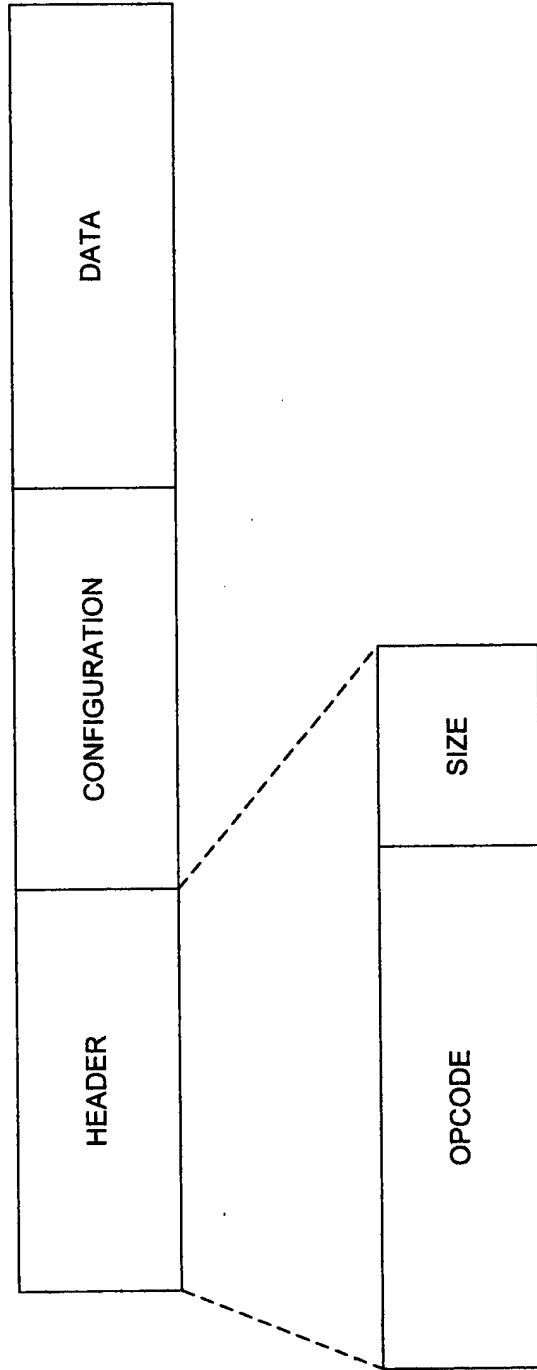


FIG. 7

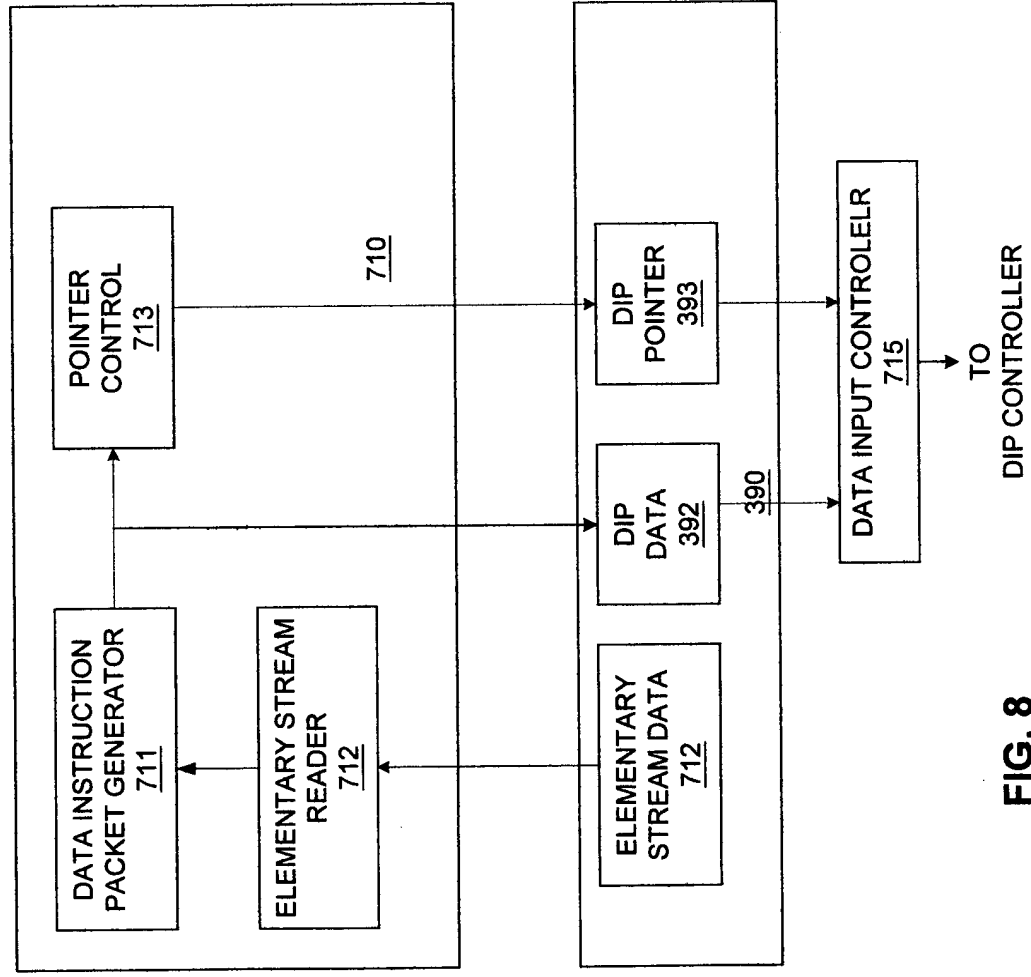


FIG. 8

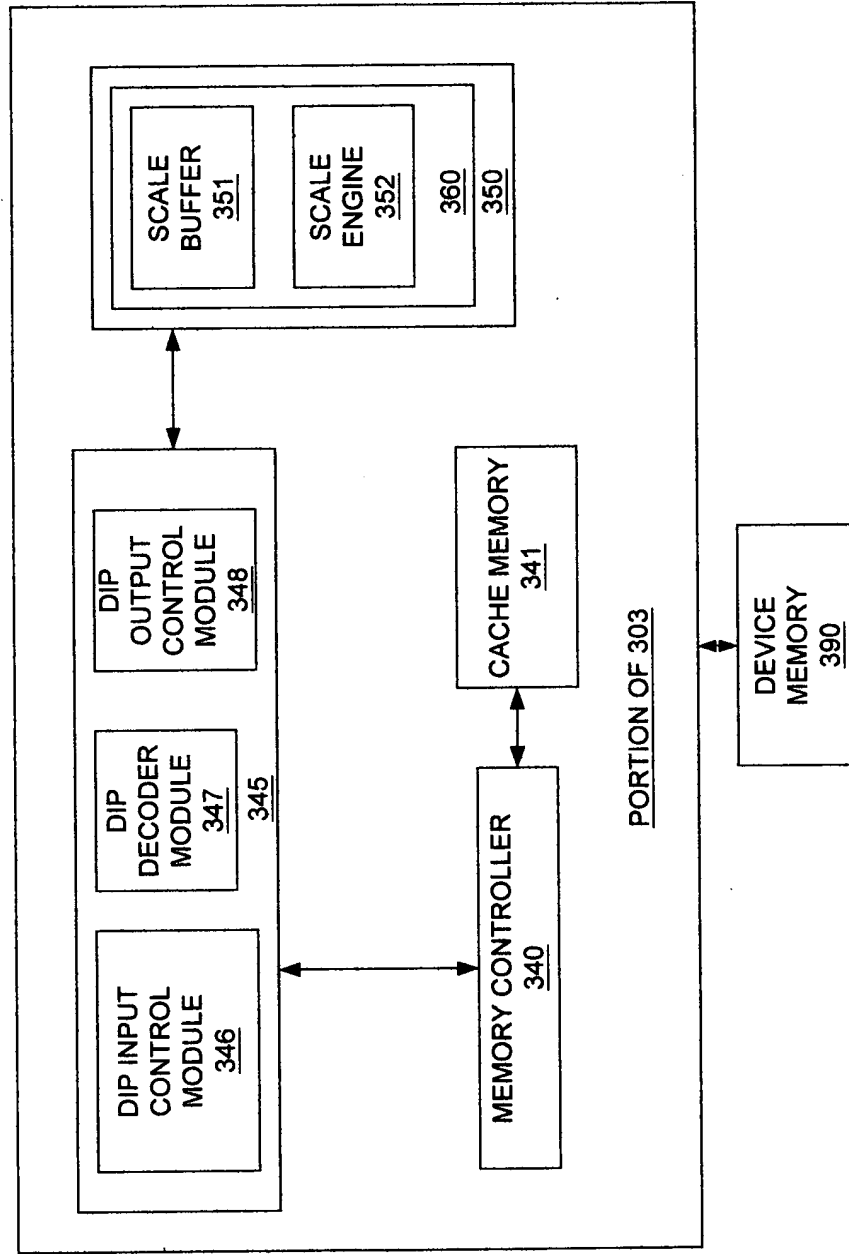


FIG. 9

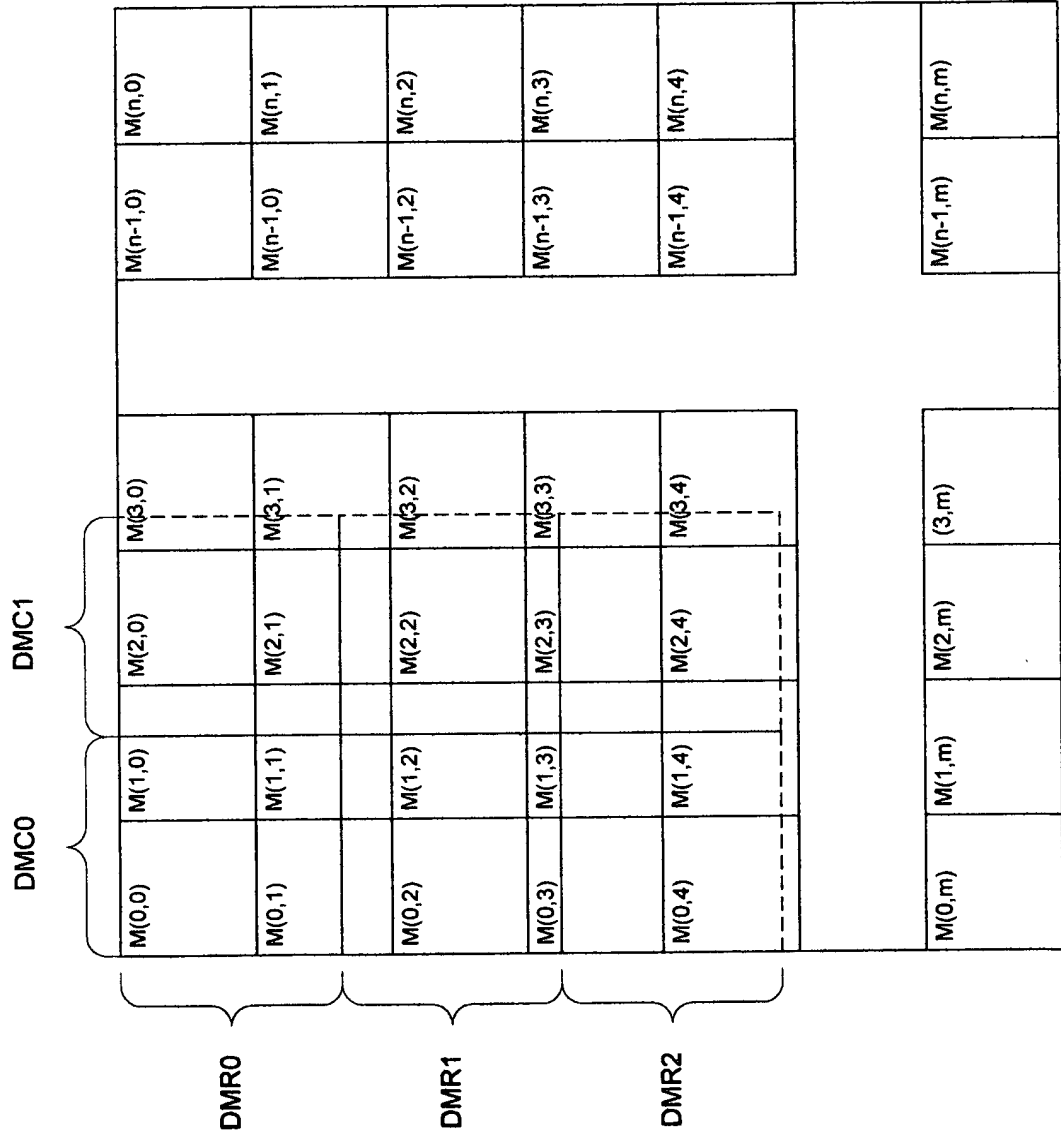


FIG. 10

FIG. 10

D(0,0)
D(1,0)
D(2,0)
D(3,0)
.
.
.
D(n,m)

FIG. 11

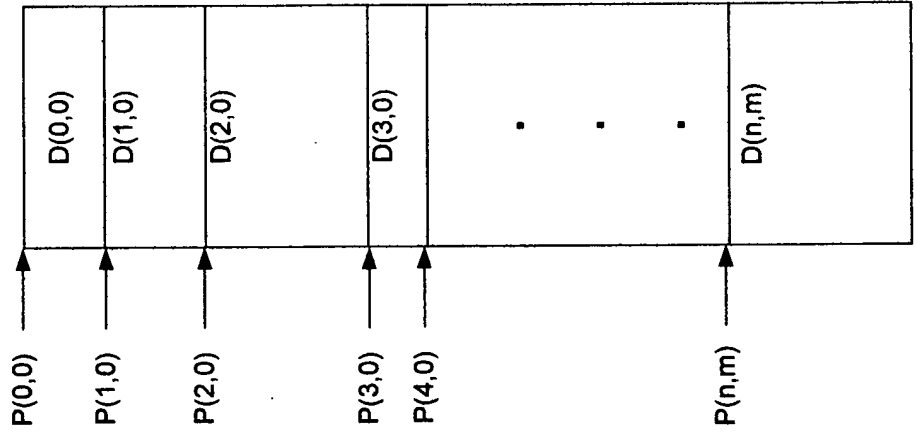


FIG. 13

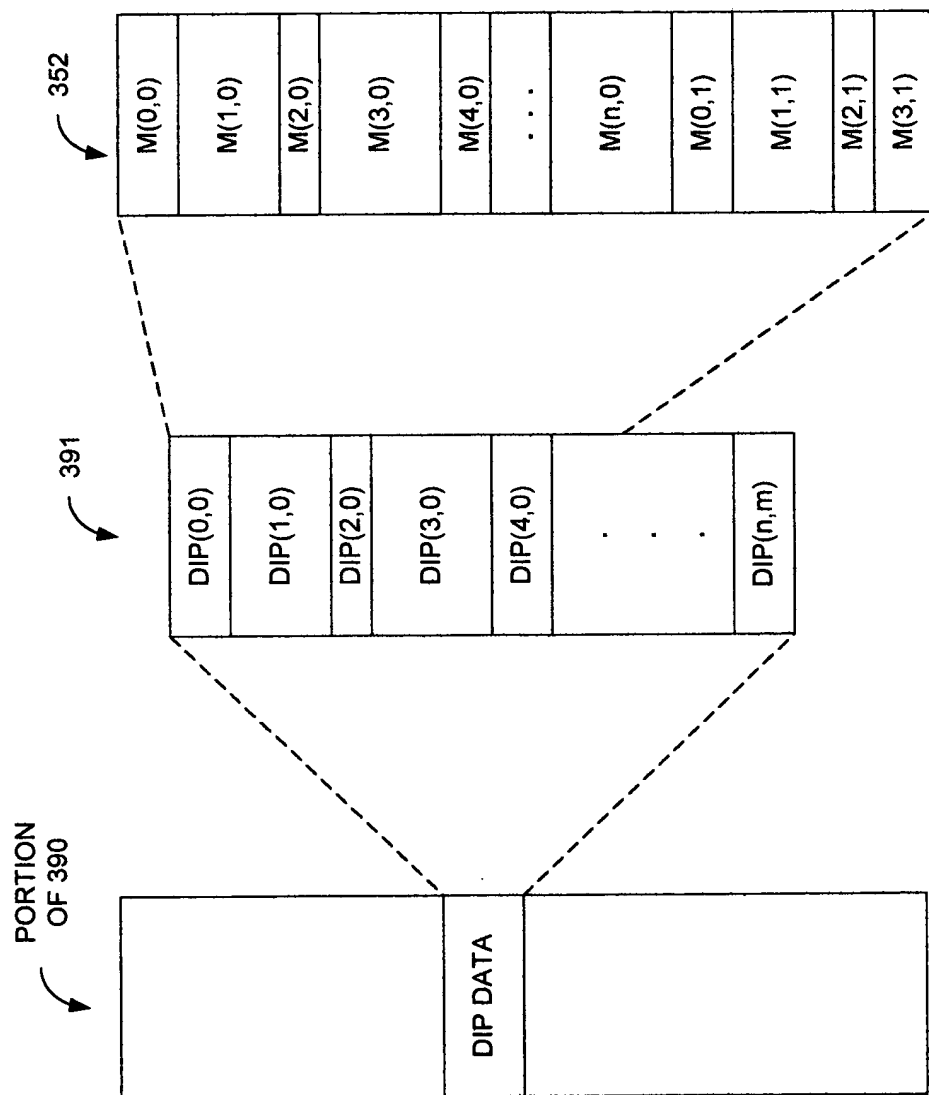


FIG. 12

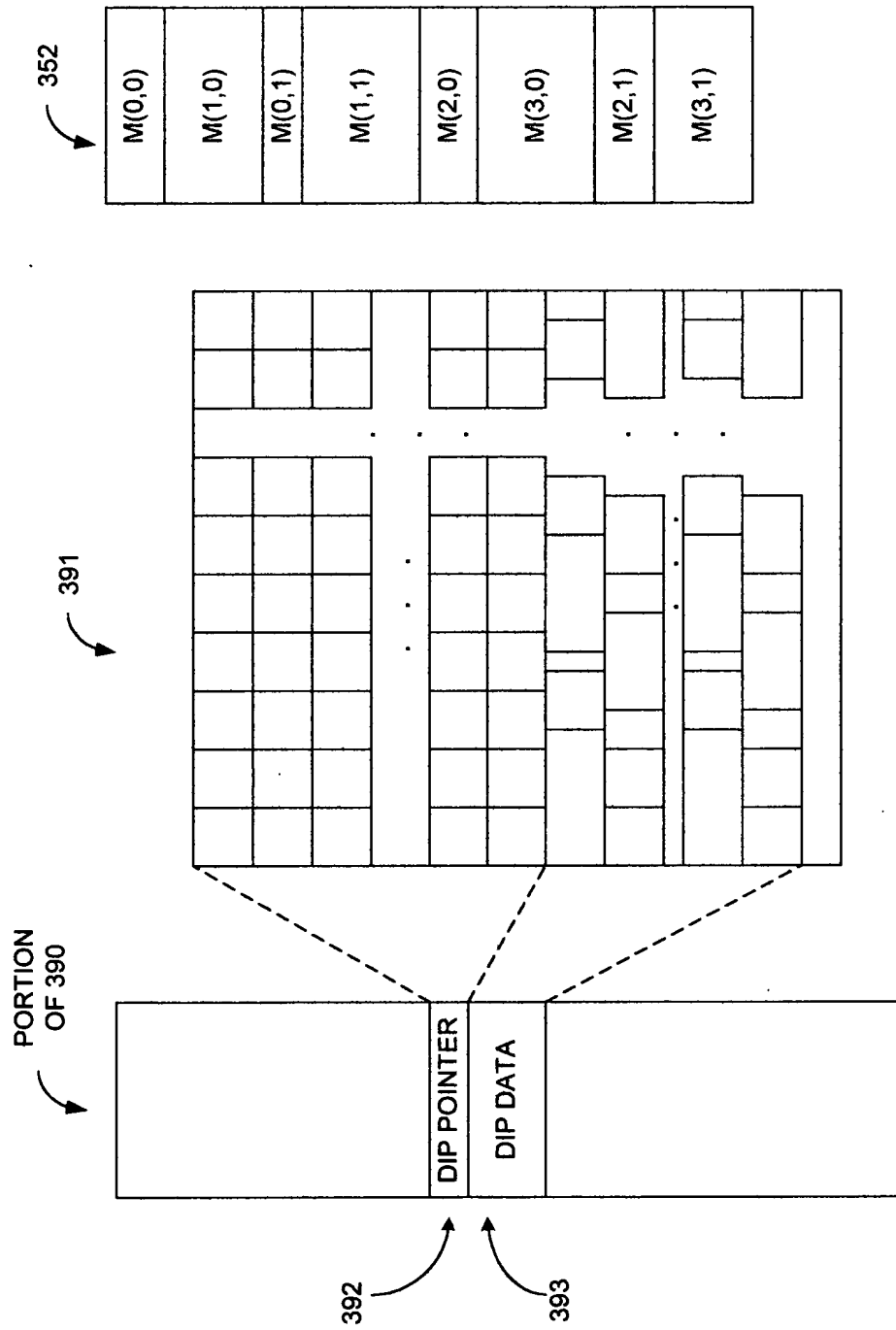


FIG. 14

STORE A FIRST SET OF
MACROBLOC DATA IN A
SCALE BUFFER
710



STORE A SECOND SET OF
MACROBLOCK DATA IN THE
SCALE BUFFER
711

FIG. 15

STORE A SET OF DIPS
HAVING VARIABLE SIZES IN
A FIRST SEQUENTIAL
ORDER
751



RETRIEVE DIPS IN SECOND
SEQUENTIAL ORDER
DIFFERENT THAT THE FIRST
752

FIG. 19

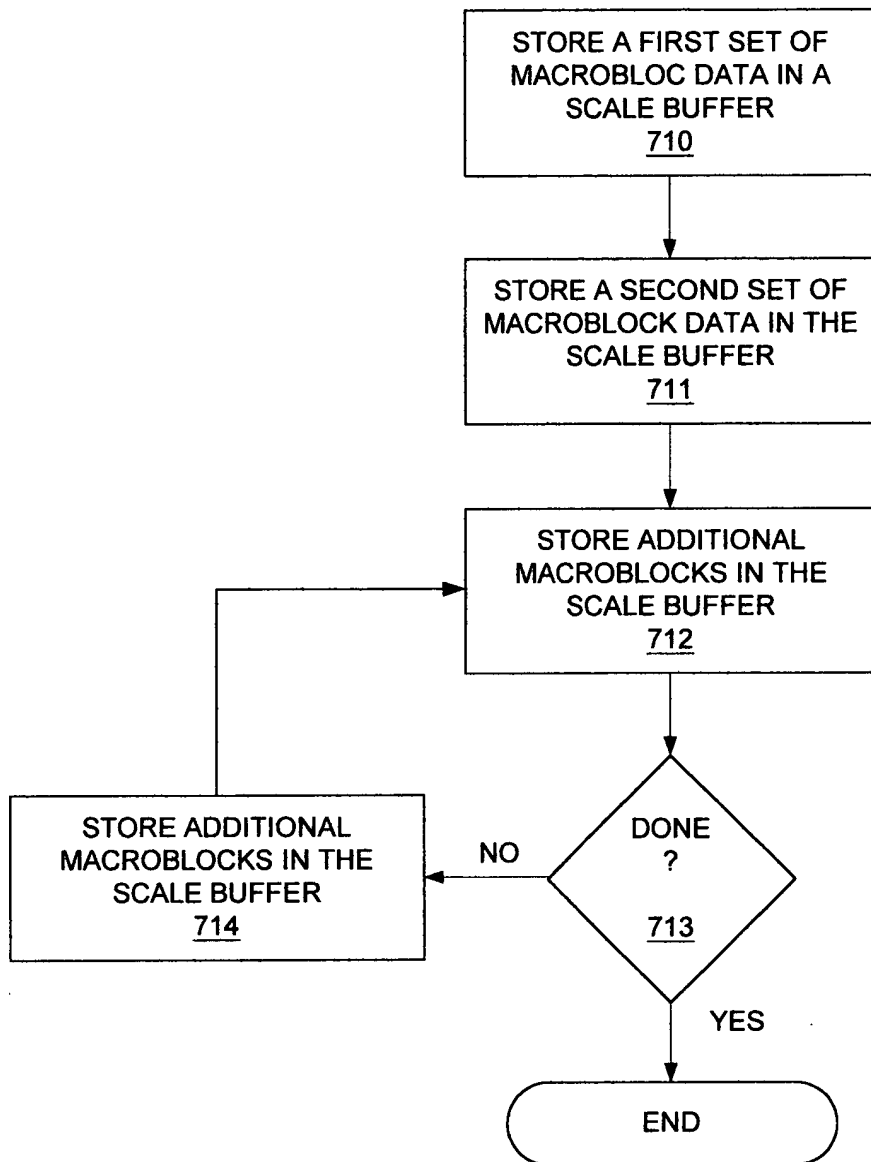


FIG. 16

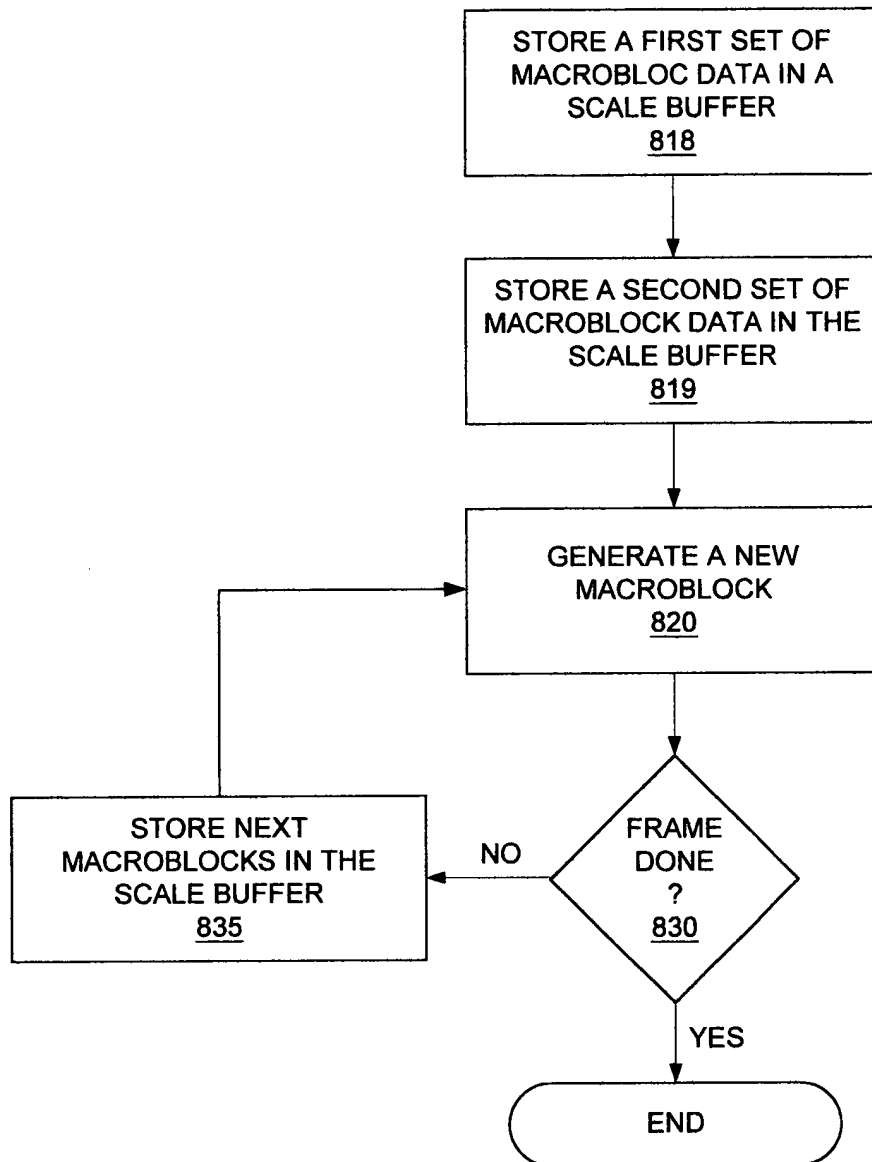


FIG. 17

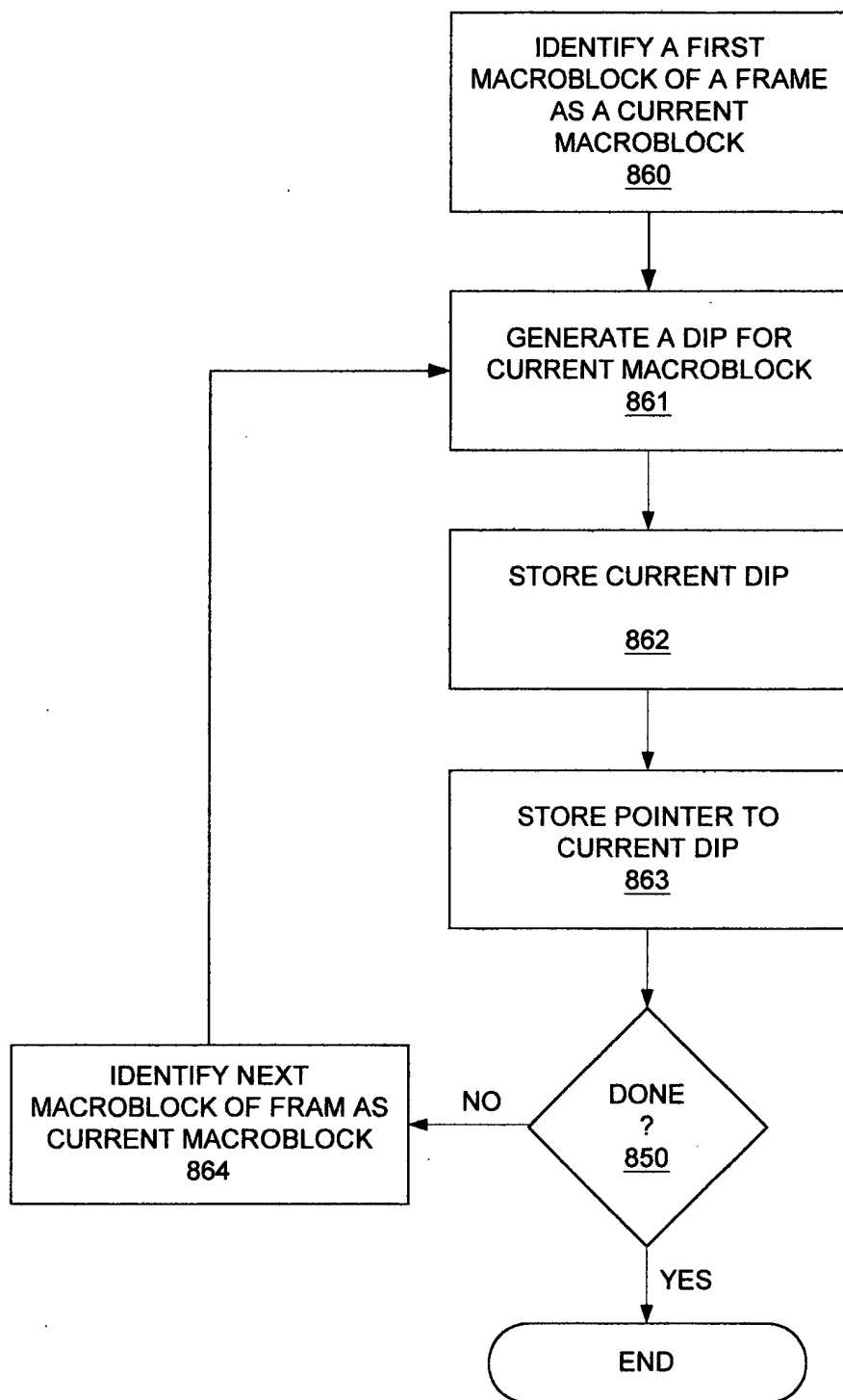


FIG. 18

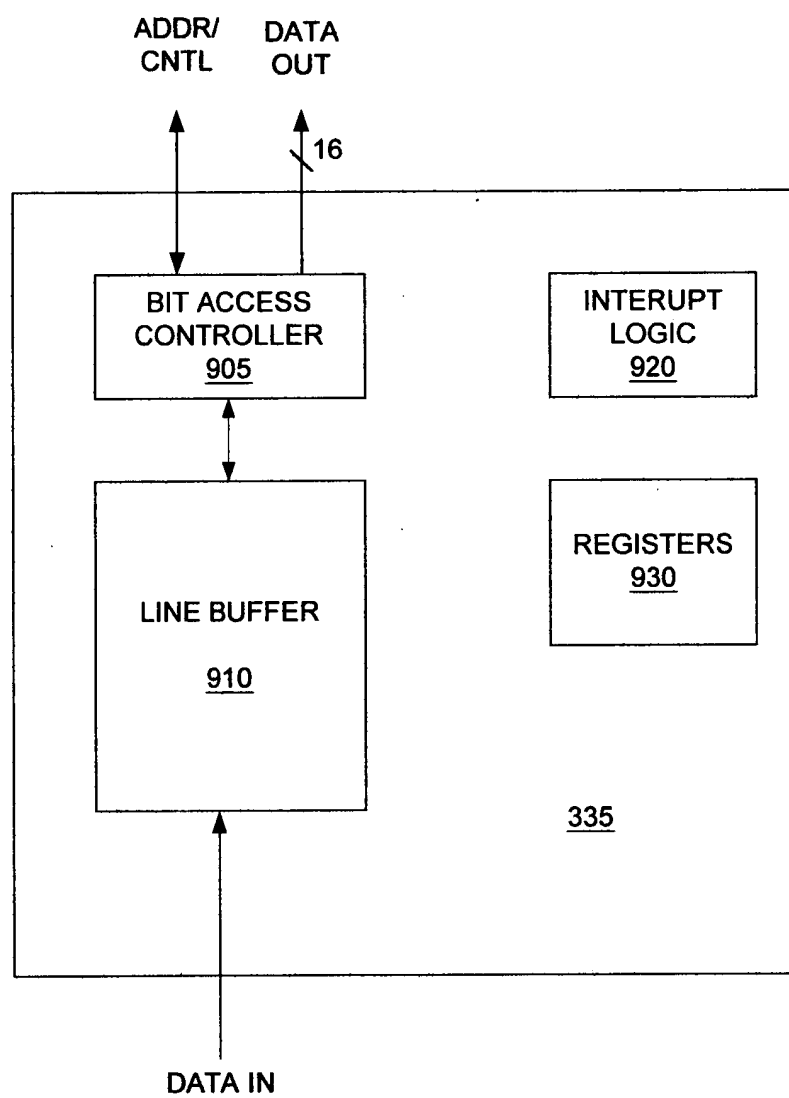


FIG. 20

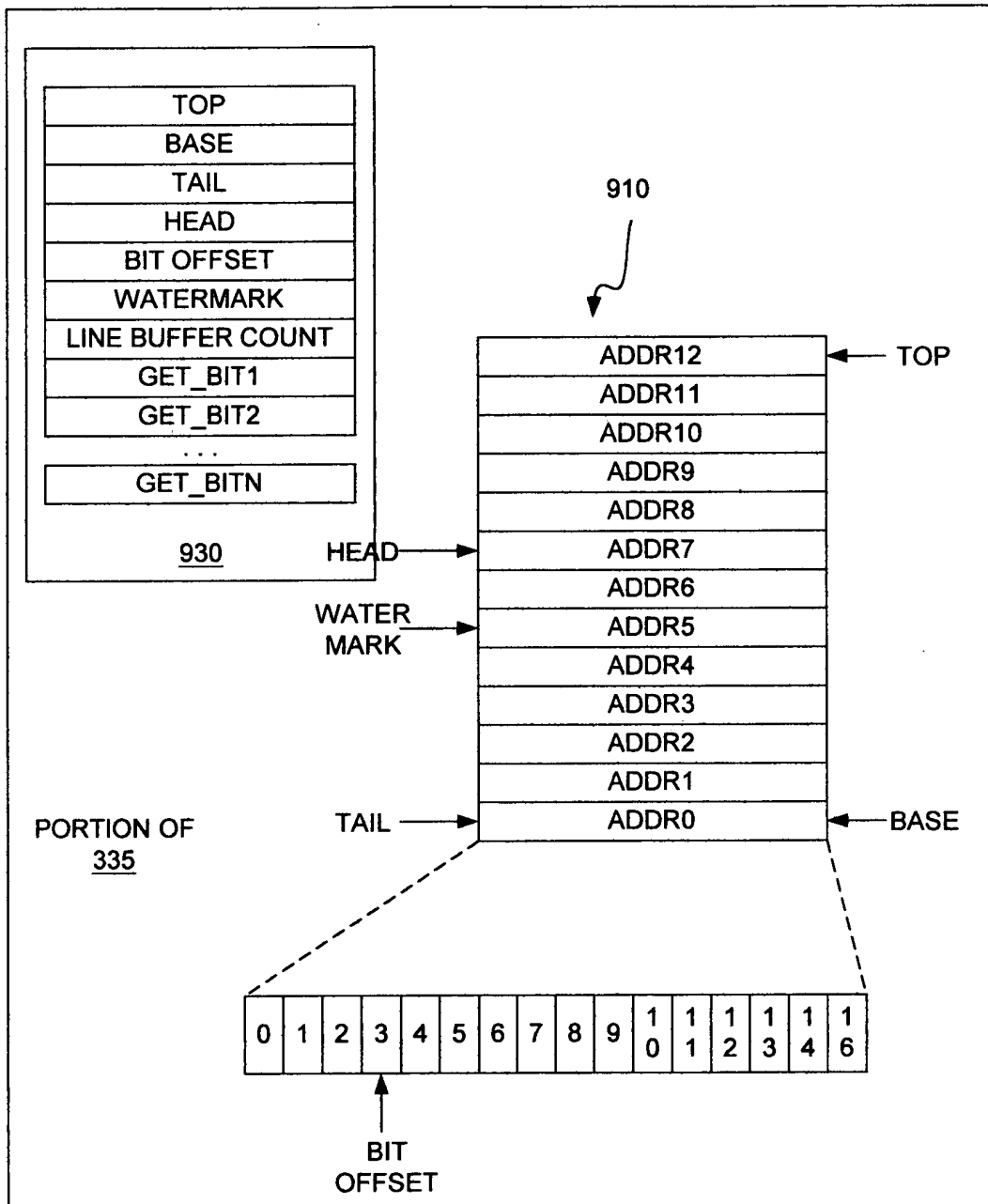


FIG. 21

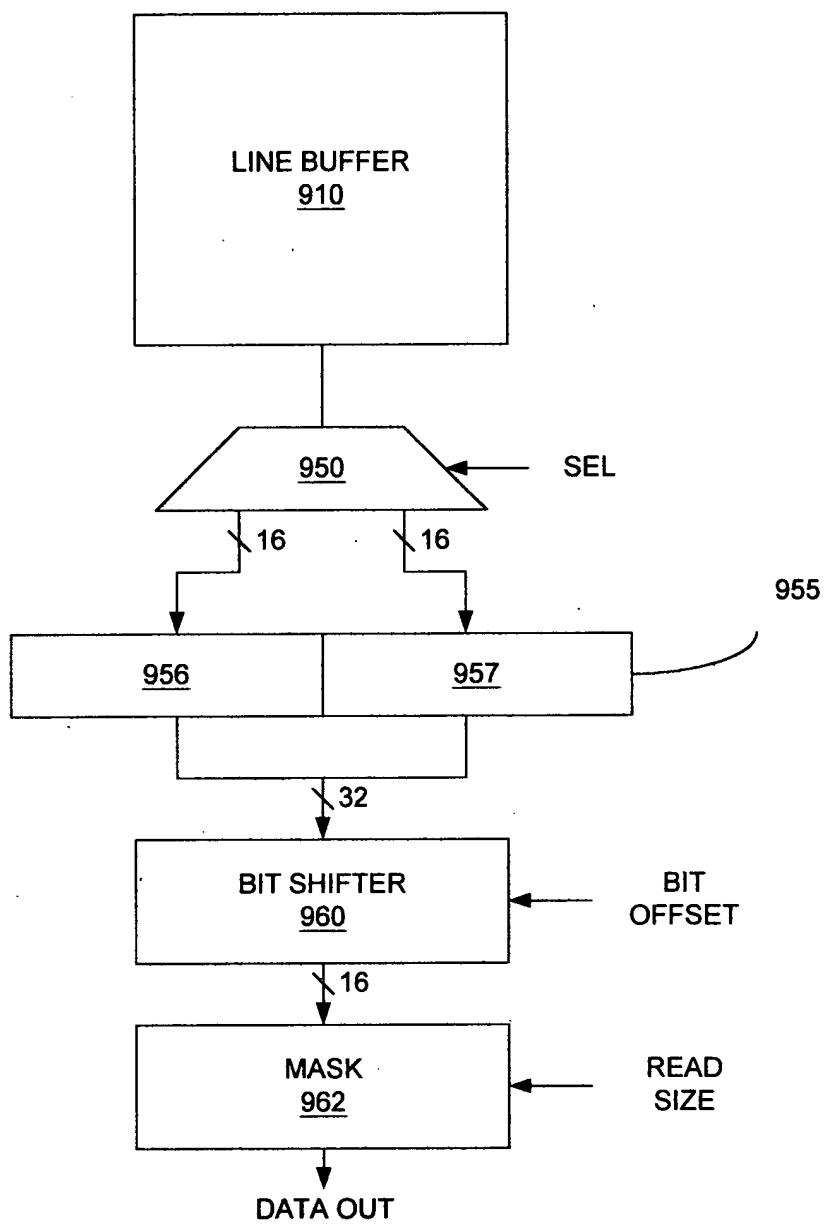


FIG. 22

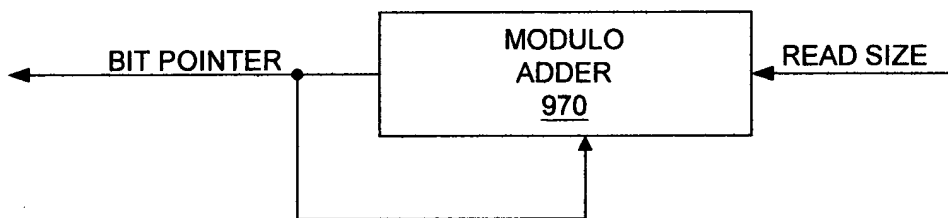


FIG. 23